ELSEVIER

General Subjects

Vol. 1425, 1998

BIOCHIMICA ET BIOPHYSICA ACTA
BBA

Author Index

Aarhus, R., see Lee, H.C. (1425) 263
Abdel-Wahab, Y.H.A., see O'Harte, F.P.M. (1425) 319
Aguirre, D.E., see Menconi, M.J. (1425) 189
Ahn, J.-H., see Nikolskaya, A.N. (1425) 632
Albani, J.R.
Dynamics of the *Lens culinaris* agglutinin-lactotransferrin and serotransferrin complexes, followed by fluorescence intensity quenching of fluorescein (FITC) with iodide and temperature (1425) 405
Alewood, P., see Wu, Q.-x. (1425) 74
Alewood, D., see Wu, Q.-x. (1425) 74
Amutha, B., Khire, J.M. and Khan, M.I.
Characterization of a novel exo-*N*-acetyl-β-D-glucosaminidase from the thermotolerant *Bacillus* sp. NCIM 5120 (1425) 300
Andress, D.L., see Sunic, D. (1425) 567
Apitz-Castro, R., see Fernandez, A.Z. (1425) 291
Arienti, G., Carlini, E., Saccardi, C. and Palmerini, C.A.
Interactions between prostasomes and leukocytes (1425) 36
Ataullakhanov, F.I., see Sinauridze, E.I. (1425) 607
Ataullakhanov, F.I., Guria, G.T., Sarbash, V.I. and Volkova, R.I.
Spatiotemporal dynamics of clotting and pattern formation in human blood (1425) 453
Awazu, S., see Mizuma, T. (1425) 398

Baldo, B.A., see Wu, Q.-x. (1425) 74
Bartoli, F., see Fernandez, A.Z. (1425) 291
Bayliss, M.T., see Hickery, M.S. (1425) 282
Beattie, K.A., see Pflugmacher, S. (1425) 527
Beguin, S., see Fernandez, A.Z. (1425) 291
Belford, D.A., see Sunic, D. (1425) 567
Billiald, P., see Mousli, M. (1425) 348
Blachier, F., see Selamnia, M. (1425) 93
Boland, R., see Curino, A. (1425) 485
Bom, I.J., Dielbandhoesing, S.K., Harvey, K.N., Oomes, S.J.C.M., Klis, F.M. and Brul, S.
A new tool for studying the molecular architecture of the fungal cell wall: one-step purification of recombinant *Trichoderma* β-(1-6)-glucanase expressed in *Pichia pastoris* (1425) 419
Bremer, M.G.E.G., see Vermeer, A.W.P. (1425) 1
Brul, S., see Bom, I.J. (1425) 419
Burt, J.P.H., see Hughes, M.P. (1425) 119
Butler, A.R., Megson, I.L. and Wright, P.G.
Diffusion of nitric oxide and scavenging by blood in the vasculature (1425) 168

Canioni, P., see Vidal, G. (1425) 224
Cappiello, M., Mascia, L., Scolozzi, C., Giorgelli, F. and Ipata, P.L.
In vitro assessment of salvage pathways for pyrimidine bases in rat liver and brain (1425) 273
Carlini, E., see Arienti, G. (1425) 36
Cerù, M.P., see Cimini, A.M. (1425) 13
Chan, H.S.O., see Sun, W.Q. (1425) 245
Chen, C., see Zhou, D. (1425) 204
Chi, Z., see Zhou, D. (1425) 204
Chikaoka, Y., see Kawaji, A. (1425) 41
Cimini, A.M., Singh, I., Farioli-Vecchioli, S., Cristiano, L. and Cerù, M.P.
Presence of heterogeneous peroxisomal populations in the rat nervous tissue (1425) 13
Codd, G.A., see Pflugmacher, S. (1425) 527
Conlon, J.M., see O'Harte, F.P.M. (1425) 319
Cosma, G., see Zang, L.-Y. (1425) 469
Cristiano, L., see Cimini, A.M. (1425) 13
Curino, A., Skliar, M. and Boland, R.
Identification of 7-dehydrocholesterol, vitamin D_3, 25(OH)-vitamin D_3 and 1,25$(OH)_2$-vitamin D_3 in *Solanum glaucophyllum* cultures grown in absence of light (1425) 485

d'Ischia, M., see Novellino, L. (1425) 27
Dahm, C., Müller, R., Schulte, G., Schmidt, K. and Leistner, E.
The role of isochorismate hydroxymutase genes *entC* and *menF* in enterobactin and menaquinone biosynthesis in *Escherichia coli* (1425) 377
Davidson, P., see Sun, W.Q. (1425) 235
Davidson, P., see Sun, W.Q. (1425) 245
Dean, M.F., see Liu, H. (1425) 505
Delpal, S., see Selamnia, M. (1425) 93
Di Pietro, M.C., see Leoncini, R. (1425) 411
Dielbandhoesing, S.K., see Bom, I.J. (1425) 419
Donovan, G.R., see Wu, Q.-x. (1425) 74
Durand, T., see Vidal, G. (1425) 224
Dwek, R.A., see Van den Steen, P. (1425) 587

Endo, T., see Sasaki, T. (1425) 599
Escribano-Cebrián, J., see Jiménez, M. (1425) 534

Farioli-Vecchioli, S., see Cimini, A.M. (1425) 13
Feng, Y., see Nakayama, K.-i. (1425) 255
Fernandez, A.Z., Tablante, A., Bartoli, F., Beguin, S., Hemker, H.C. and Apitz-Castro, R.
Expression of biological activity of draculin, the anticoagulant factor from vampire bat saliva, is strictly dependent on the appropriate glycosylation of the native molecule (1425) 291
Fink, M.P., see Menconi, M.J. (1425) 189
Flatt, P.R., see O'Harte, F.P.M. (1425) 319
Fragonas, E., Pollesello, P., Mlinárik, V., Toffanin, R., Grando, C., Godeas, C. and Vittur, F.
Sensitivity of chondrocytes of growing cartilage to reactive oxygen species (1425) 103

Gallis, J.-L., see Vidal, G. (1425) 224
Gallori, E., see Jung, K. (1425) 387
Gander, B., see Johansen, P. (1425) 425
García-Carmona, F., see Jiménez, M. (1425) 534
Gardner, H., see Zang, L.-Y. (1425) 469
Geller, A.M., see Langkamp-Henken, B. (1425) 337

Gennaro, R., Scocchi, M., Merluzzi, L. and Zanetti, M.
Biological characterization of a novel mammalian antimicrobial peptide (1425) 361
Giorgelli, F., see Cappiello, M. (1425) 273
Godeas, C., see Fragonas, E. (1425) 103
Goyffon, M., see Mousli, M. (1425) 348
Grando, C., see Fragonas, E. (1425) 103
Grasdalen, H., see Kristiansen, A. (1425) 137
Gray, B., see Mayo, K.H. (1425) 81
Gu, J., see Zhou, D. (1425) 204
Guerranti, R., see Leoncini, R. (1425) 411
Guria, G.T., see Ataullakhanov, F.I. (1425) 453

Harvey, K.N., see Bom, I.J. (1425) 419
Haseman, J., see Mayo, K.H. (1425) 81
Hatano, N., see Tsujibo, H. (1425) 437
Hayakawa, N., see Shinohara, R. (1425) 577
Hayashi, R., see Shinohara, R. (1425) 577
Hemker, H.C., see Fernandez, A.Z. (1425) 291
Heredia, C.F.
Impairment by hexoses of the utilization of maltose by *Saccharomyces cerevisiae* (1425) 151
Hickery, M.S. and Bayliss, M.T.
Interleukin-1 induced nitric oxide inhibits sulphation of glycosaminoglycan chains in human articular chondrocytes (1425) 282
Hino, T., Kawanishi, S., Yasui, H., Oka, S. and Sakurai, H.
HTHQ (1-*O*-hexyl-2,3,5-trimethylhydroquinone), an anti-lipid-peroxidative compound: its chemical and biochemical characterizations (1425) 47
Hoekstra, F.A., see Wolkers, W.F. (1425) 127
Hölzel, R.
Nystatin-induced changes in yeast monitored by time-resolved automated single cell electrorotation (1425) 311
Hosomi, O., see Takeya, A. (1425) 215
Huang, T.-F., see Yeh, C.-H. (1425) 493
Hughes, M.P., Morgan, H., Rixon, F.J., Burt, J.P.H. and Pethig, R.
Manipulation of herpes simplex virus type 1 by dielectrophoresis (1425) 119

Ikeda, T., see Yamazaki, S.-i. (1425) 516
Ilyina, E., see Mayo, K.H. (1425) 81
Imanari, T., see Koshiishi, I. (1425) 209
Inamori, Y., see Tsujibo, H. (1425) 437
Ipata, P.L., see Cappiello, M. (1425) 273
Isawa, K., see Yamazaki, S.-i. (1425) 516
Isobe, M., see Kawaji, A. (1425) 41
Itoh, Y., see Shinohara, R. (1425) 577
Itoh, M., see Shinohara, R. (1425) 577
Izumizawa, Y., see Tsujibo, H. (1425) 437

Jiang, S., see Zhou, D. (1425) 204
Jigami, Y., see Nakayama, K.-i. (1425) 255
Jiménez, M., Escribano-Cebrián, J. and García-Carmona, F.
Oxidation of the flavonol fisetin by polyphenol oxidase (1425) 534
Johansen, P., Merkle, H.P. and Gander, B.
Physico-chemical and antigenic properties of tetanus and diphtheria toxoids and steps towards improved stability (1425) 425
Johnson, L.R., see Langkamp-Henken, B. (1425) 337
Jung, K., Ristori, S., Gallori, E. and Martini, G.
Stability of water-soluble and lipid-soluble paramagnetic probes in *Bacillus subtilis* (1425) 387

Kakizawa, H., see Shinohara, R. (1425) 577
Kaneko, T., see Yamazaki, S.-i. (1425) 516
Kano, K., see Yamazaki, S.-i. (1425) 516
Kawaji, A., Isobe, M., Tochino, Y., Takabatake, E., Chikaoka, Y., Nomura, Y. and Tamura, M.
Flavin-containing monooxygenase mediated metabolism of benzydamine in perfused brain and liver (1425) 41
Kawanishi, S., see Hino, T. (1425) 47
Khan, M.I., see Amutha, B. (1425) 300
Khire, J.M., see Amutha, B. (1425) 300
Kimoto, M., see Tsuji, H. (1425) 628
King, M.A., see Wu, Q.-x. (1425) 74
Kinsella, B.T., see Miggin, S.M. (1425) 543
Kinuta, M., see Shimizu, H. (1425) 112
Klis, F.M., see Bom, I.J. (1425) 419
Kobata, A., see Sasaki, T. (1425) 599
Kobayashi, H., Sun, G.W. and Terao, T.
Production of prostanoids via increased cyclo-oxygenase-2 expression in human amnion cells in response to low molecular weight hyaluronic acid fragment (1425) 369
Kogure, T., see Takeya, A. (1425) 215
Kokkonen, J.O., see Lindstedt, K.A. (1425) 617
Kon, O.L., see Zhang, X. (1425) 441
Koshiishi, I., Mamura, Y., Liu, J. and Imanari, T.
Degradation of dehydroascorbate to 2,3-diketogulonate in blood circulation (1425) 209
Kotb, M., see Langkamp-Henken, B. (1425) 337
Kovanen, P.T., see Lindstedt, K.A. (1425) 617
Krasotkina, Y.V., see Sinauridze, E.I. (1425) 607
Krause, E., see Pflugmacher, S. (1425) 527
Kristiansen, A., Värum, K.M. and Grasdalen, H.
Quantitative studies of the non-productive binding of lysozyme to partially *N*-acetylated chitosans (1425) 137
Küster, B., see Van den Steen, P. (1425) 587

Langkamp-Henken, B., Johnson, L.R., Viar, M.J., Geller, A.M. and Kotb, M.
Differential effect on polyamine metabolism in mitogen- and superantigen-activated human T-cells (1425) 337
Lee, Y.-W., see Liu, H. (1425) 505
Lee, H.C. and Aarhus, R.
Fluorescent analogs of NAADP with calcium mobilizing activity (1425) 263
Leistner, E., see Dahm, C. (1425) 377
Leoncini, R., Vannoni, D., Di Pietro, M.C., Guerranti, R., Rosi, F., Pagani, R. and Marinello, E.
Restoration of rat liver L-threonine dehydratase activity by pyridoxamine 5′-phosphate: the half-transaminating activity of L-threonine dehydratase and its regulatory role (1425) 411
Lever, M.
Exclusion and retention of compensatory kosmotropes by HPLC columns (1425) 61
Lever, M.
Exclusion and retention of compensatory kosmotropes by HPLC columns (1425) 61
Lindstedt, K.A., Kokkonen, J.O. and Kovanen, P.T.
Regulation of the activity of secreted human lung mast cell tryptase by mast cell proteoglycans (1425) 617
Liu, H., Lee, Y.-W. and Dean, M.F.
Re-expression of differentiated proteoglycan phenotype by dedifferentiated human chondrocytes during culture in alginate beads (1425) 505
Liu, J., see Koshiishi, I. (1425) 209
Lizano, C., Sanz, S., Luque, J. and Pinilla, M.
In vitro study of alcohol dehydrogenase and acetaldehyde dehydrogen-

ase encapsulated into human erythrocytes by an electroporation procedure (1425) 328
Lok, S.H.L., see Zhang, X. (1425) 441
Lubomir, K. and Peter, B.
Disaccharides permeases: constituents of xylanolytic and mannanolytic systems of *Aureobasidium pullulans* (1425) 560
Luque, J., see Lizano, C. (1425) 328

Makino, M., see Shinohara, R. (1425) 577
Mamura, Y., see Koshiishi, I. (1425) 209
Mano, T., see Shinohara, R. (1425) 577
Marinello, E., see Leoncini, R. (1425) 411
Martens, E., see Van den Steen, P. (1425) 587
Martini, G., see Jung, K. (1425) 387
Mascia, L., see Cappiello, M. (1425) 273
Matsumura, K., see Sasaki, T. (1425) 599
Mayeur, C., see Selamnia, M. (1425) 93
Mayo, K.H., Haseman, J., Ilyina, E. and Gray, B.
Designed β-sheet-forming peptide 33mers with potent human bactericidal/permeability increasing protein-like bactericidal and endotoxin neutralizing activities (1425) 81
McNeil, J.D., see Sunic, D. (1425) 567
Megson, I.L., see Butler, A.R. (1425) 168
Menconi, M.J., Unno, N., Smith, M., Aguirre, D.E. and Fink, M.P.
Nitric oxide donor-induced hyperpermeability of cultured intestinal epithelial monolayers: role of superoxide radical, hydroxyl radical, and peroxynitrite (1425) 189
Merkle, H.P., see Johansen, P. (1425) 425
Merluzzi, L., see Gennaro, R. (1425) 361
Miggin, S.M. and Kinsella, B.T.
Expression and tissue distribution of the mRNAs encoding the human thromboxane A_2 receptor (TP) α and β isoforms (1425) 543
Mikami, T., see Tsujibo, H. (1425) 437
Miyamoto, K., see Tsujibo, H. (1425) 437
Mizuma, T. and Awazu, S.
Inhibitory effect of phloridzin and phloretin on glucuronidation of *p*-nitrophenol, acetaminophen and 1-naphthol: kinetic demonstration of the influence of glucuronidation metabolism on intestinal absorption in rats (1425) 398
Mlinárik, V., see Fragonas, E. (1425) 103
Morgan, H., see Hughes, M.P. (1425) 119
Mousli, M., Goyffon, M. and Billiald, P.
Production and characterization of a bivalent single chain Fv/alkaline phosphatase conjugate specific for the hemocyanin of the scorpion *Androctonus australis* (1425) 348
Müller, R., see Dahm, C. (1425) 377

Nagatsaka, A., see Shinohara, R. (1425) 577
Nagata, M., see Shinohara, R. (1425) 577
Nakai, A., see Shinohara, R. (1425) 577
Nakayama, K.-i., Feng, Y., Tanaka, A. and Jigami, Y.
The involvement of *mnn4* and *mnn6* mutations in mannosylphosphorylation of *O*-linked oligosaccharide in yeast *Saccharomyces cerevisiae* (1425) 255
Nappi, A.J. and Vass, E.
Hydroxyl radical formation via iron-mediated Fenton chemistry is inhibited by methylated catechols (1425) 159
Nikolskaya, A.N., Pitkin, J.W., Schaeffer, H.J., Ahn, J.-H. and Walton, J.D.
EXG1p, a novel exo-β1,3-glucanase from the fungus *Cochliobolus carbonum*, contains a repeated motif present in other proteins that interact with polysaccharides (1425) 632
Nomura, Y., see Kawaji, A. (1425) 41
Norde, W., see Vermeer, A.W.P. (1425) 1
Novellino, L., d'Ischia, M. and Prota, G.
Nitric oxide-induced oxidation of 5,6-dihydroxyindole and 5,6-dihydroxyindole-2-carboxylic acid under aerobic conditions: non-enzymatic route to melanin pigments of potential relevance to skin (photo)-protection (1425) 27

O'Harte, F.P.M., Abdel-Wahab, Y.H.A., Conlon, J.M. and Flatt, P.R.
Amino terminal glycation of gastric inhibitory polypeptide enhances its insulinotropic action on clonal pancreatic B-cells (1425) 319
Oberemm, A., see Pflugmacher, S. (1425) 527
Oka, S., see Hino, T. (1425) 47
Oka, T., see Tsuji, H. (1425) 628
Okita, M., see Tsuji, H. (1425) 628
Oomes, S.J.C.M., see Bom, I.J. (1425) 419
Op den Camp, H.J.M., see Wannet, W.J.B. (1425) 177
Opdenakker, G., see Van den Steen, P. (1425) 587

Paemen, L., see Van den Steen, P. (1425) 587
Pagani, R., see Leoncini, R. (1425) 411
Palmerini, C.A., see Arienti, G. (1425) 36
Peng, H.-C., see Yeh, C.-H. (1425) 493
Peter, B., see Lubomir, K. (1425) 560
Pethig, R., see Hughes, M.P. (1425) 119
Pflugmacher, S., Wiegand, C., Oberemm, A., Beattie, K.A., Krause, E., Codd, G.A. and Steinberg, C.E.W.
Identification of an enzymatically formed glutathione conjugate of the cyanobacterial hepatotoxin microcystin-LR: the first step of detoxication (1425) 527
Pinilla, M., see Lizano, C. (1425) 328
Pischetsrieder, M., see Seidel, W. (1425) 478
Pitkin, J.W., see Nikolskaya, A.N. (1425) 632
Pollesello, P., see Fragonas, E. (1425) 103
Proost, P., see Van den Steen, P. (1425) 587
Prota, G., see Novellino, L. (1425) 27

Ristori, S., see Jung, K. (1425) 387
Rixon, F.J., see Hughes, M.P. (1425) 119
Robert, V., see Selamnia, M. (1425) 93
Rosi, F., see Leoncini, R. (1425) 411
Rudd, P.M., see Van den Steen, P. (1425) 587

Saccardi, C., see Arienti, G. (1425) 36
Sakurai, H., see Hino, T. (1425) 47
Sanz, S., see Lizano, C. (1425) 328
Sarbash, V.I., see Sinauridze, E.I. (1425) 607
Sarbash, V.I., see Ataullakhanov, F.I. (1425) 453
Sasagawa, T., see Tsuji, H. (1425) 628
Sasaki, T., Yamada, H., Matsumura, K., Shimizu, T., Kobata, A. and Endo, T.
Detection of *O*-mannosyl glycans in rabbit skeletal muscle α-dystroglycan (1425) 599
Sawai, Y., see Shinohara, R. (1425) 577
Sawyer, W.H., see Wu, Q.-x. (1425) 74
Schaeffer, H.J., see Nikolskaya, A.N. (1425) 632
Schmidt, K., see Dahm, C. (1425) 377
Schulte, G., see Dahm, C. (1425) 377
Scocchi, M., see Gennaro, R. (1425) 361
Scolozzi, C., see Cappiello, M. (1425) 273
Seidel, W. and Pischetsrieder, M.
Immunochemical detection of N^2-[1-(1-carboxylethyl]guanosine, an advanced glycation end product formed by the reaction of DNA and reducing sugars or L-ascorbic acid in vitro (1425) 478

Selamnia, M., Robert, V., Mayeur, C., Delpal, S. and Blachier, F.
De novo synthesis of arginine and ornithine from citrulline in human colon carcinoma cells: metabolic fate of L-ornithine (1425) 93
Shen, Z., see Zhou, D. (1425) 204
Shimizu, H. and Kinuta, M.
Inhibitory effects in vitro of *S*-[2-carboxy-1-(1*H*-imidazol-4-yl)ethyl]-glutathione, a proposed metabolite of L-histidine, on γ-glutamyltransferase activity (1425) 112
Shimizu, T., see Sasaki, T. (1425) 599
Shinohara, R., Mano, T., Nagasaka, A., Sawai, Y., Uchimura, K., Hayashi, R., Hayakawa, N., Nagata, M., Makino, M., Kakizawa, H., Itoh, Y., Nakai, A. and Itoh, M.
Effects of thyroid hormone on the sorbitol pathway in streptozotocin-induced diabetic rats (1425) 577
Sinauridze, E.I., Volkova, R.I., Krasotkina, Y.V., Sarbash, V.I. and Ataullakhanov, F.I.
Dynamics of clot growth induced by thrombin diffusing into non-stirred citrate human plasma (1425) 607
Singh, I., see Cimini, A.M. (1425) 13
Skliar, M., see Curino, A. (1425) 485
Smith, M., see Menconi, M.J. (1425) 189
Steinberg, C.E.W., see Pflugmacher, S. (1425) 527
Sun, W.Q. and Davidson, P.
Protein inactivation in amorphous sucrose and trehalose matrices: effects of phase separation and crystallization (1425) 235
Sun, G.W., see Kobayashi, H. (1425) 369
Sun, W.Q., Davidson, P. and Chan, H.S.O.
Protein stability in the amorphous carbohydrate matrix: relevance to anhydrobiosis (1425) 245
Sunic, D., McNeil, J.D., Andress, D.L. and Belford, D.A.
Insulin-like growth factor binding protein-5 proteolytic activity in ovine articular chondrocyte culture (1425) 567

Tablante, A., see Fernandez, A.Z. (1425) 291
Takabatake, E., see Kawaji, A. (1425) 41
Takeya, A., Hosomi, O. and Kogure, T.
Vicia villosa B_4 lectin inhibits nucleotide pyrophosphatase activity toward UDP-GalNAc specifically (1425) 215
Tamura, M., see Kawaji, A. (1425) 41
Tanaka, A., see Nakayama, K.-i. (1425) 255
Terao, T., see Kobayashi, H. (1425) 369
Tochino, Y., see Kawaji, A. (1425) 41
Toffanin, R., see Fragonas, E. (1425) 103
Tsuji, H., Kimoto, M., Watanabe, H., Sasagawa, T., Oka, T., Yamashita, H. and Okita, M.
Epitope mapping of monoclonal antibodies against 4-aminobenzoate hydroxylase from *Agaricus bisporus* (1425) 628
Tsujibo, H., Hatano, N., Mikami, T., Izumizawa, Y., Miyamoto, K. and Inamori, Y.
Cloning, characterization and expression of β-*N*-acetylglucosaminidase gene from *Streptomyces thermoviolaceus* OPC-520 (1425) 437

Uchimura, K., see Shinohara, R. (1425) 577
Unno, N., see Menconi, M.J. (1425) 189

Vallyathan, V., see Zang, L.-Y. (1425) 469
van Damme, J., see Van den Steen, P. (1425) 587
Van den Steen, P., Rudd, P.M., Proost, P., Martens, E., Paemen, L., Küster, B., van Damme, J., Dwek, R.A. and Opdenakker, G.
Oligosaccharides of recombinant mouse gelatinase B variants (1425) 587
van der Drift, C., see Wannet, W.J.B. (1425) 177
Van Griensven, L.J.L.D., see Wannet, W.J.B. (1425) 177
van Kilsdonk, M.G., see Wolkers, W.F. (1425) 127
Vannoni, D., see Leoncini, R. (1425) 411
Vårum, K.M., see Kristiansen, A. (1425) 137
Vass, E., see Nappi, A.J. (1425) 159
Vermeer, A.W.P., Bremer, M.G.E.G. and Norde, W.
Structural changes of IgG induced by heat treatment and by adsorption onto a hydrophobic Teflon surface studied by circular dichroism spectroscopy (1425) 1
Viar, M.J., see Langkamp-Henken, B. (1425) 337
Vidal, G., Durand, T., Canioni, P. and Gallis, J.-L.
Cytosolic pH regulation in perfused rat liver: role of intracellular bicarbonate production (1425) 224
Vittur, F., see Fragonas, E. (1425) 103
Vogels, G.D., see Wannet, W.J.B. (1425) 177
Volkova, R.I., see Sinauridze, E.I. (1425) 607
Volkova, R.I., see Ataullakhanov, F.I. (1425) 453

Walton, J.D., see Nikolskaya, A.N. (1425) 632
Wannet, W.J.B., Op den Camp, H.J.M., Wisselink, H.W., van der Drift, C., Van Griensven, L.J.L.D. and Vogels, G.D.
Purification and characterization of trehalose phosphorylase from the commercial mushroom *Agaricus bisporus* (1425) 177
Watanabe, H., see Tsuji, H. (1425) 628
Wiegand, C., see Pflugmacher, S. (1425) 527
Wisselink, H.W., see Wannet, W.J.B. (1425) 177
Wolkers, W.F., van Kilsdonk, M.G. and Hoekstra, F.A.
Dehydration-induced conformational changes of poly-L-lysine as influenced by drying rate and carbohydrates (1425) 127
Wright, P.G., see Butler, A.R. (1425) 168
Wu, Q.-x., King, M.A., Donovan, G.R., Alewood, D., Alewood, P., Sawyer, W.H. and Baldo, B.A.
Cytotoxicity of pilosulin 1, a peptide from the venom of the jumper ant *Myrmecia pilosula* (1425) 74

Yamada, H., see Sasaki, T. (1425) 599
Yamashita, H., see Tsuji, H. (1425) 628
Yamazaki, S.-i., Kano, K., Ikeda, T., Isawa, K. and Kaneko, T.
Mechanistic study on the roles of a bifidogenetic growth stimulator based on physicochemical characterization (1425) 516
Yasui, H., see Hino, T. (1425) 47
Yeh, C.-H., Peng, H.-C., Yih, J.-B. and Huang, T.-F.
A new short chain RGD-containing disintegrin, accutin, inhibits the common pathway of human platelet aggregation (1425) 493
Yih, J.-B., see Yeh, C.-H. (1425) 493

Zanetti, M., see Gennaro, R. (1425) 361
Zang, L.-Y., Cosma, G., Gardner, H. and Vallyathan, V.
Scavenging of reactive oxygen species by melatonin (1425) 469
Zhang, X., Lok, S.H.L. and Kon, O.L.
Stable expression of human α-2,6-sialyltransferase in Chinese hamster ovary cells: functional consequences for human erythropoietin expression and bioactivity (1425) 441
Zhou, D., Chen, C., Jiang, S., Shen, Z., Chi, Z. and Gu, J.
Expression of $\beta_{1,4}$-galactosyltransferase in the development of mouse brain (1425) 204